

**AMENDMENT AND RESPONSE UNDER 37 CFR § 1.116 – EXPEDITED PROCEDURE**

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Title: METHODS, DATA STRUCTURES, AND SYSTEMS FOR AUTHENTICATING MEDIA STREAM RECIPIENTS

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**IN THE CLAIMS**

Current status of the claims is as follows:

1. (Previously Presented) A method to authenticate a media stream recipient, comprising:  
automatically receiving an authentication request from a media player when a recipient attempts to use the media player to play a media stream that is streamed to the recipient, and wherein the media player is itself part of the media stream, and wherein the media player is self-loading and self-extracting from the streamed media stream within a computing environment of the recipient;  
verifying that the recipient is authorized to play the media stream; and  
sending an authentication token to the media player over a network connection, if the recipient is authorized, and wherein the media player automatically plays the media stream once the authentication token is received by the media player.
2. (Original) The method of claim 1 wherein the sending further comprises automatically installing the authentication token as a licensing key on a computing device of the recipient, wherein the licensing key can include licensing limitations.
3. (Original) The method of claim 1 wherein in automatically receiving, the recipient initially obtains the media player and media stream from a second recipient.
4. (Original) The method of claim 1 wherein in verifying, the recipient is verified by externally contacting a licensing service with at least one of an identity of the recipient and an identification of the media stream.
5. (Original) The method of claim 1 wherein in sending, the authentication token includes limitations that instruct the media player to self destruct the media stream upon the occurrence of an event or pre-defined time.

6. (Original) The method of claim 1 wherein in sending, the authentication token includes limitation that instruct the media player to prevent the recipient from re-streaming the media stream to a downstream recipient.

7. (Original) The method of claim 1 wherein in sending, the authentication token is at least one of a digital certificate and a digital signature.

8. (Previously Presented) A media stream structure stored/embedded on a computer readable medium, comprising:

media player logic;

media content; and

media recipient authentication logic included within the media player logic;

wherein when the media stream data structure is streamed to a computing device, the media player logic is self-loading and self-installing on the computing device and executes the media recipient authentication logic before playing the media content, and wherein the media recipient authentication logic sends an authentication request to an authentication service over a network along with the identity of a recipient of the media content, and wherein the media player logic automatically plays the media content when the authentication request is successful.

9. (Original) The media stream data structure of claim 8 wherein the media recipient authentication logic also sends an identification of the media content to the authentication service.

10. (Original) The media stream data structure of claim 8 further comprising an authentication token, which is added to the media stream data structure if the identity of the recipient is authorized to play the media content on the computing device by the authentication service.

11. (Original) The media stream data structure of claim 10, wherein the authentication token is stored external to the media stream data structure and is identified within the media stream data structure as a pointer reference.
12. (Original) The media stream data structure of claim 8 wherein the media recipient authentication logic also sends at least one of settings associated with a computing environment of the computing device and an Internet Protocol (IP) address associated with the computing device to the authentication service.
13. (Original) The media stream data structure of claim 8 wherein the authentication service authenticates the identity of the recipient by interfacing with one or more external licensing services.
14. (Original) The media stream data structure of claim 8 wherein the media player automatically plays the media content if a valid authentication token is received from the authentication service.
15. (Previously Presented) A media content authentication system, comprising:
  - a distribution service for distributing media streams via streaming to recipients, wherein each media stream includes media content and a self-installing, self-loading, and self-executing media player; and
    - an authentication service that subsequently communicates with each media player over a network in order to authenticate access to the recipients that attempts to play the media content, and wherein each media player initiates the communication with the authentication service when it self-executes in an environment of a recipient to which it relates, and when authentication is successful each media player automatically plays media content included in the media stream.

16. (Original) The media content authentication system of claim 15 wherein each media player that self-installs contacts the authentication service immediately after it initially installs on a recipient's computing device.

17. (Original) The media content authentication system of claim 15 wherein each media player receives an authentication token from the authentication service, if a corresponding recipient is authorized to play the media content.

18. (Original) The media content authentication system of claim 15 wherein the authentication service uses a licensing service to authorize a number of the recipients for access to the media content.

19. (Original) The media content authentication system of claim 15 wherein the authentication service receives information from each of the media players that is used to authenticate each of the recipients, and the information includes at least one of settings of a computing environment that is executing the media player, an identity of the recipient, and an identification of the media content

20. (Original) The media content authentication system of claim 15 wherein the authentication service returns authentication tokens to each of the media players that have authorized recipients and the authentication tokens are at least one of a digital certificates, digital signatures, encrypted data, and hidden data.